REMARKS/DISCUSSION OF ISSUES

Applicants thank the Examiner for the numerous courtesies shown in attempting to grant an interview.

Specification. The Applicant has amended the specification herein to correct typographical and format errors. No new matter was introduced by the amendments of the specification herein.

Claims 1-21. In the Non-Final Office Action, Examiner Moslehi rejected pending claims 1-21 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,332,163 to *Bowman-Amuah* et al. The Applicant responds to this rejection as subsequently recited herein, and respectfully requests reconsideration and further examination of the present application under 37 CFR § 1.112.

As to the §102(e) rejection of pending claims 1-21, the Applicant has thoroughly considered Examiner Moslehi's remarks concerning the patentability of pending claims 1-21 over *Bowman-Amuah* The Applicant has also thoroughly read *Bowman-Amuah*. To warrant this §102(e) rejection of pending claims 1-21, *Bowman-Amuah* must show each and every limitation of independent claims 1, 8 and 15 in as complete detail as in contained in independent claims 1, 8 and 15. See, MPEP §2131. The Applicant respectfully traverses this

§102(e) rejection of claims 1, 8 and 15, because *Bowman-Amuah* teaches away from the following limitations of independent claims 1, 8 and 15:

1.   "providing a software wrapper capable of inheriting from at least a first application program interface (API) and a second API", "maintaining a positional cursor based on a call to the second API", "comparing the positional cursor to the vector", and "selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the vector" as recited in independent claim 1; and

2.   "means for maintaining a positional cursor based on a call to the second API", "means for comparing the positional cursor to the vector", and "means for selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the vector" as recited in independent claims 8 and 15.

As to the traversal, *Bowman-Amuah* discloses a Legacy Wrapper having interaction with a single application program interface ("API"). Specifically, an exemplary control flow taught by *Bowman-Amuah* involves a nine-step process as illustrated in FIG. 83 of *Bowman-Amuah.*

First, to invoke some functionality located on the Legacy System, a Client sends a message via the Component Integration Architecture on the way to a Legacy Wrapper Component.

Second, the Component Integration Architecture forwards the call to the appropriate Legacy Wrapper Component.

Third, the Legacy Wrapper Component sends the call via the Component Adapter to the Legacy Integration Architecture. When necessary, the Component Adapter reformats the call parameters into an acceptable format for the Legacy System.

Fourth, the Legacy Integration Architecture receives a call for the host-based Legacy application and forwards it to the Legacy Adapter.

Fifth, the Legacy Adapter receives the message from the Legacy Integration Architecture and formats it to match a single API of the Legacy System. The Legacy Adapter makes the appropriate calls on the Legacy System. The Legacy System executes the function and returns the results to the Legacy Adapter.

Sixth, the Legacy Adapter receives the results and returns them to the Legacy Integration Architecture.

Seventh, the Legacy Integration Architecture receives the result and forwards it to the Legacy Wrapper Server Component through the Component Adapter.

Eighth, the Legacy Wrapper Component receives the result, reformats the parameters for the component system and forwards it to the Component Integration Architecture.

Finally, Component Interaction Architecture receives the result and forwards it to the Client. See, Bowman-Amuah at column 221, line 66 to column 222, line 36.

Clearly, during an implementation of this control flow, Bowman-Amuah fails to teach or suggest the Legacy Adapter (1) being capable of inheriting from more than one API, such as, for example, a first API and a second API, (2) maintaining a positional cursor based on a call to a second API, (3) comparing the positional cursor to a vector, and (4) selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the vector.

Withdrawal of the rejection of independent claims 1, 8 and 15 under U.S.C. §102(e) as being anticipated by Bowman-Amuah is therefore respectfully requested.

Claims 2-7 depend from independent claim 1. Therefore, dependent claims 2-7 include all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claims 2-7 are allowable over *Bowman-Amuah* for at least the same reason as set forth herein with respect to independent claim 1 being allowable over *Bowman-Amuah*. Furthermore, by failing to teach a second API, the Applicant respectfully asserts that *Bowman-Amuah* teaches away from the following limitations of dependent claims 3-7 for the same reasons as set forth herein with respect to independent claim 1:

1. "wherein the second API is a java-based collection API" as recited in dependent claim 3;

2. "providing an iterator, associated with the second API, for maintaining the positional cursor" as recited in dependent claim 4;

3. "providing a plurality of iterators for maintaining a plurality of positional cursors" as recited in dependent claim 5;

4. "synchronizing a plurality of methods for extracting the elements from the enumeration" as recited in dependent claim 6; and

5. "extracting the elements from the enumeration when the positional cursor matches the size of the vector" as recited in dependent claim 7.

Withdrawal of the rejection of dependent claims 2-7 under U.S.C. §102(e) as being anticipated by *Bowman-Amuah* is therefore respectfully requested.

Claims 9-14 depend from independent claim 8. Therefore, dependent claims 9-14 include all of the elements and limitations of independent claim 8. It is therefore respectfully submitted by the Applicant that dependent claims 9-14 are allowable over *Bowman-Amuah* for at least the same reason as set forth herein with respect to independent claim 8 being allowable over *Bowman-Amuah*. Furthermore, the Applicant respectfully asserts that *Bowman-Amuah* teaches away from the following limitations of dependent claims 11-14 for the same reasons as set forth herein with respect to independent claim 8:

1.   "wherein the second API is a java-based collection API" as recited in dependent claim 11;

2.   "means for providing an iterator, associated with the second API, for maintaining the positional cursor" as recited in dependent claim 12;

3.   "means for providing a plurality of iterators for maintaining a plurality of positional cursors" as recited in dependent claim 13; and

4.   "means for synchronizing a plurality of methods for extracting the elements from the enumeration" as recited in dependent claim 14.

Withdrawal of the rejection of dependent claims 9-14 under U.S.C. §102(e) as being anticipated by *Bowman-Amuah* is therefore respectfully requested.

Claims 16-21 depend from independent claim 15. Therefore, dependent claims 16-21 include all of the elements and limitations of independent claim 15. It is therefore respectfully submitted by the Applicant that dependent claims 16-21 are allowable over *Bowman-Amuah* for at least the same reason as set forth herein with respect to independent claim 15 being allowable over *Bowman-Amuah*. Furthermore, the Applicant respectfully asserts that *Bowman-Amuah* teaches away from the following limitations of dependent claims 18-21 for the same reasons as set forth herein with respect to independent claim 15:

1. "wherein the second API is a java-based collection API" as recited in dependent claim 18;

2. "means for providing an iterator, associated with the second API, for maintaining the positional cursor" as recited in dependent claim 19;

3. "means for providing a plurality of iterators for maintaining a plurality of positional cursors" as recited in dependent claim 20; and

4. "means for synchronizing a plurality of methods for extracting the elements from the enumeration" as recited in dependent claim 21.

Withdrawal of the rejection of dependent claims 16-21 under U.S.C. §102(e) as being anticipated by *Bowman-Amuah* is therefore respectfully requested.
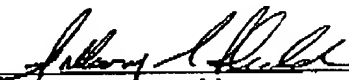
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CONCLUSION

The Applicants respectfully submit that claims 1-21 as amended herein fully satisfy the requirements of 35 U.S.C. §§102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested.

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